

Claim Listings:

1. (Previously Presented) A method of processing a stream of data, comprising:  
receiving a stream of data, the stream of data including a plurality of encoded symbols;  
contemporaneously processing a first subset of the encoded symbols to identify a second subset of the encoded symbols, where each encoded symbol in the second subset uses a common coding context, wherein the coding context indicates a probability for a plurality of possible symbols;  
evaluating at least one symbol from the second subset of encoded symbols to determine the common coding context for the second subset; and  
using the common coding context to process the second subset of encoded symbols.
2. (Original) The method of claim 1 wherein processing the second subset of encoded symbols comprises decoding the stream of data.
3. (Original) The method of claim 1 wherein the data stream includes encoded video data.
4. (Original) The method of claim 3 wherein the encoded symbols represent elements of the encoded video data.
5. (Original) The method of claim 4 wherein the encoded symbols are encoded using the H.264 standard encoding scheme.
6. (Original) The method of claim 4 wherein the encoded symbols are encoded using the MPEG-4 part 10 standard encoding scheme.

7. (Previously Presented) A method of processing a stream of data, comprising:  
receiving a stream of data, the stream of data comprising a plurality of symbols to be processed;  
contemporaneously processing a first subset of the symbols to identify a second subset of the symbols, where each symbol in the second subset uses a common coding context, wherein said coding context indicates a probability for a plurality of possible symbols;  
evaluating at least one symbol from the second subset of symbols to determine the common coding context; and  
using the common coding context to process the second subset of symbols.
8. (Original) The method of claim 7 wherein the processing of the second subset of symbols includes encoding the stream of data.
9. (Original) The method of claim 7 wherein the stream of data includes video data.
10. (Original) The method of claim 9 wherein the symbols represent elements of the video data.
11. (Original) The method of claim 10 wherein the video data is encoded using the H.264 standard encoding scheme.
12. (Original) The method of claim 10 wherein the video data is encoded using the MPEG-4 part 10 standard encoding scheme.
13. (Previously Presented) The method of claim 1, wherein the coding context indicates a most probable symbol.
14. (Currently Amended) The method of claim 13 ~~4~~, wherein the coding context indicates a less probable symbol.

15. (Previously Presented) The method of claim 7, wherein the coding context indicates a most probable symbol.
16. (Previously Presented) The method of claim 7, wherein the coding context indicates a less probable symbol.
17. (New) The method of claim 13, further comprising:
  - determining a probability for the most likely symbol; and
  - determining a probability for the less likely symbol;
18. (New) The method of claim 17, further comprising:
  - establishing a boundary value based on the probability for the most likely symbol and the less likely symbol.
19. (New) The method of claim 18, further comprising:
  - calculating a code value from the stream of data; and
  - determining whether to select the most likely symbol or the less likely symbol based on a comparison of the code value with the boundary value.